

MILWAUKEE

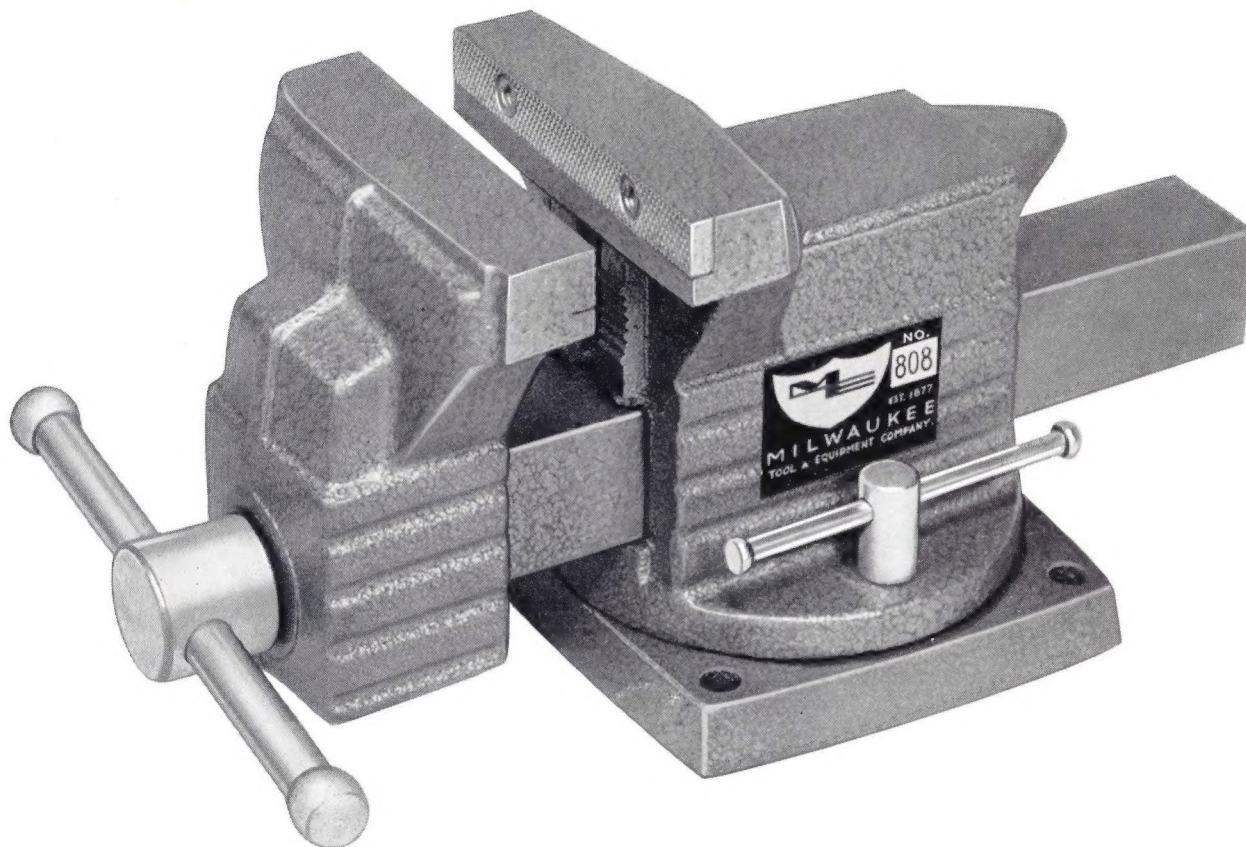
TOOL & EQUIPMENT COMPANY

2773 SOUTH 29TH STREET



MILWAUKEE 46, WISCONSIN

EST. 1877



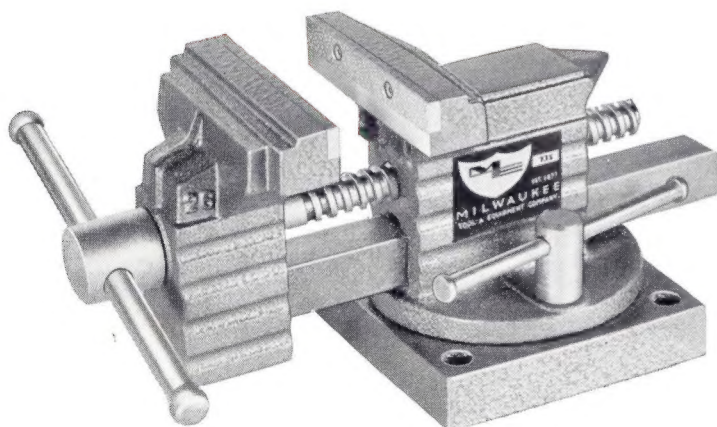
MILWAUKEE "GIANT" VISES

804-807-808

The Milwaukee "Giants" are new vises designed by Jack Collins S.I.D. They were designed to include all basic principles necessary for good vises and many new features were included to make them better tools for the workshops. The results are a competitive priced line of vises that include many features usually found only in higher priced lines. The Milwaukee "Giants" are made from high tensile grey

iron and all have $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $\frac{3}{16}$ " heavy steel channel slides that covers and fully protects the accurately machined Acme threaded vise screws. All have square bases with four holes for bench mounting and all have 200° swivel that can be positively secured with lock. The massive but pleasing design provides an unusual amount of ground and polished work area. The heat treated serrated face jaws are attached with clutch head machine screws. All vises have attractive hammered silver finish and all screws, handles and lock nuts are bright plated. Polished surfaces are painted to assure delivery without rust or corrosion. Individually cartoned.

	Jaw Width	Jaw Opening	Pipe Size	Weight - Lbs.
No. 804	$3\frac{3}{4}$ "	$3\frac{3}{4}$ "	$\frac{1}{8}$ to $1\frac{1}{4}$	15
No. 807	4"	4"	$\frac{1}{8}$ to $1\frac{1}{2}$	23
No. 808	5"	5"	$\frac{1}{8}$ to 2"	29

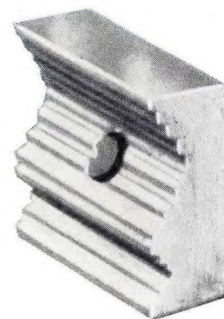
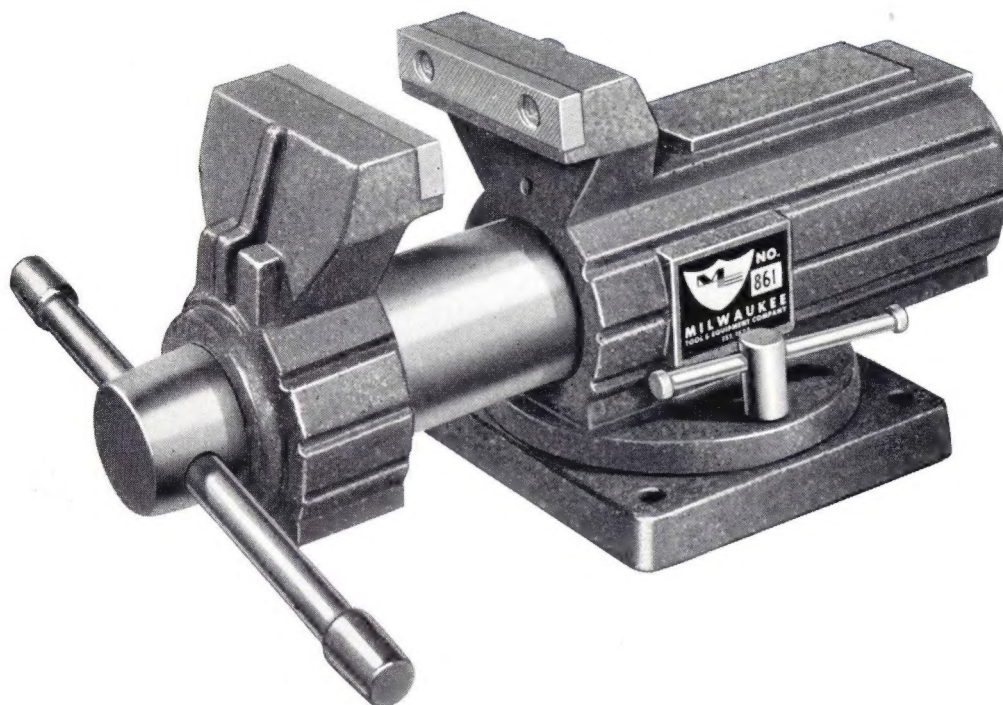


MILWAUKEE "LITTLE GIANT" VISE

735

The Milwaukee "Little Giant" is a high tensile grey iron vise of the same general design as the "Giants", but it has a $\frac{3}{4}$ " x $\frac{3}{4}$ " steel slide bar and a rugged accurately machined screw with Acme threads. The "Little Giant" is closely fitted and built to rigid specifications. It has built in pipe jaws and serrated hardened steel replaceable face jaws. The 200° swivel base has four holes for bench mounting and may be positively secured in any position with side locking nut. Finish is attractive hammered silver and screws and side handle are bright plated. Individually cartoned.

	Jaw Width	Jaw Opening	Pipe Size	Weight - Lbs.
No. 735	$3\frac{1}{2}$ "	$3\frac{1}{2}$ "	$\frac{1}{8}$ to 1	10



PIPE JAWS **862**

Number 862 pipe jaws can be added to stationary base model or the swivel base model, making it a combination vise capable of holding pipe without interfering with normal usage.

MILWAUKEE MACHINISTS' VISES

860-861

Milwaukee Machinist vises are malleable iron and are unconditionally guaranteed against breakage. Modern tubular slide fully protects vise screw and vise nut and

assures long, smooth, trouble free action. Extra long vise screw and vise nut and deep throat provide unusual large work area. Large smooth area on stationary jaw. Face jaws are heavy accurately serrated heat treated tool steel.

Swivel base model has 360° swivel with two positive locking nuts.

All parts replaceable and interchangeable.

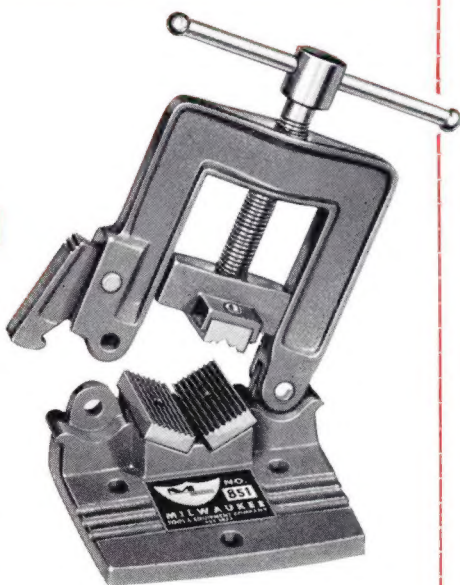
	Jaw Width	Maximum Opening	Screw Diameter	Per Carton	Approx. Ship. Wgt.
No. 860 Stationary Base	4"	6½"	7/8"	1	35 lbs.
No. 861 Swivel Base	4"	6½"	7/8"	1	40 lbs.
No. 862 Pipe Jaws		Pipe Size 1/8 to 2½ each		2	1 lb.

MILWAUKEE HINGED PIPE VISES

850-851

Milwaukee hinged pipe vises are malleable iron and are unbreakable. They are manufactured to rigid specifications and are assembled with drive pins to assure trouble free operation. Both models have heat treated, tool steel long jaws. New style hook locks securely and is easily disengaged.

Vise screw and jaws are zinc plated. Finish — Baked Hammered Silver.

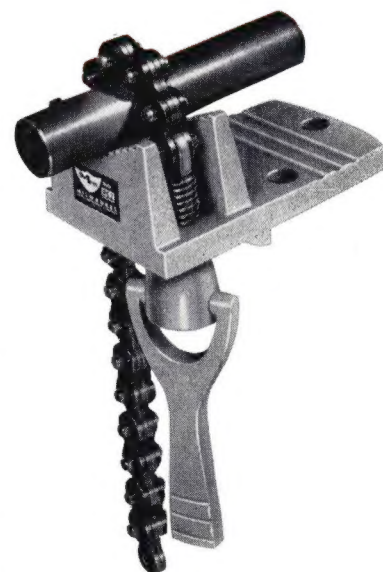


	Pipe	Per Carton	Weight
No. 850	1/8 to 1¼	1	5 lbs.
No. 851	1/8 to 2½	1	10 lbs.

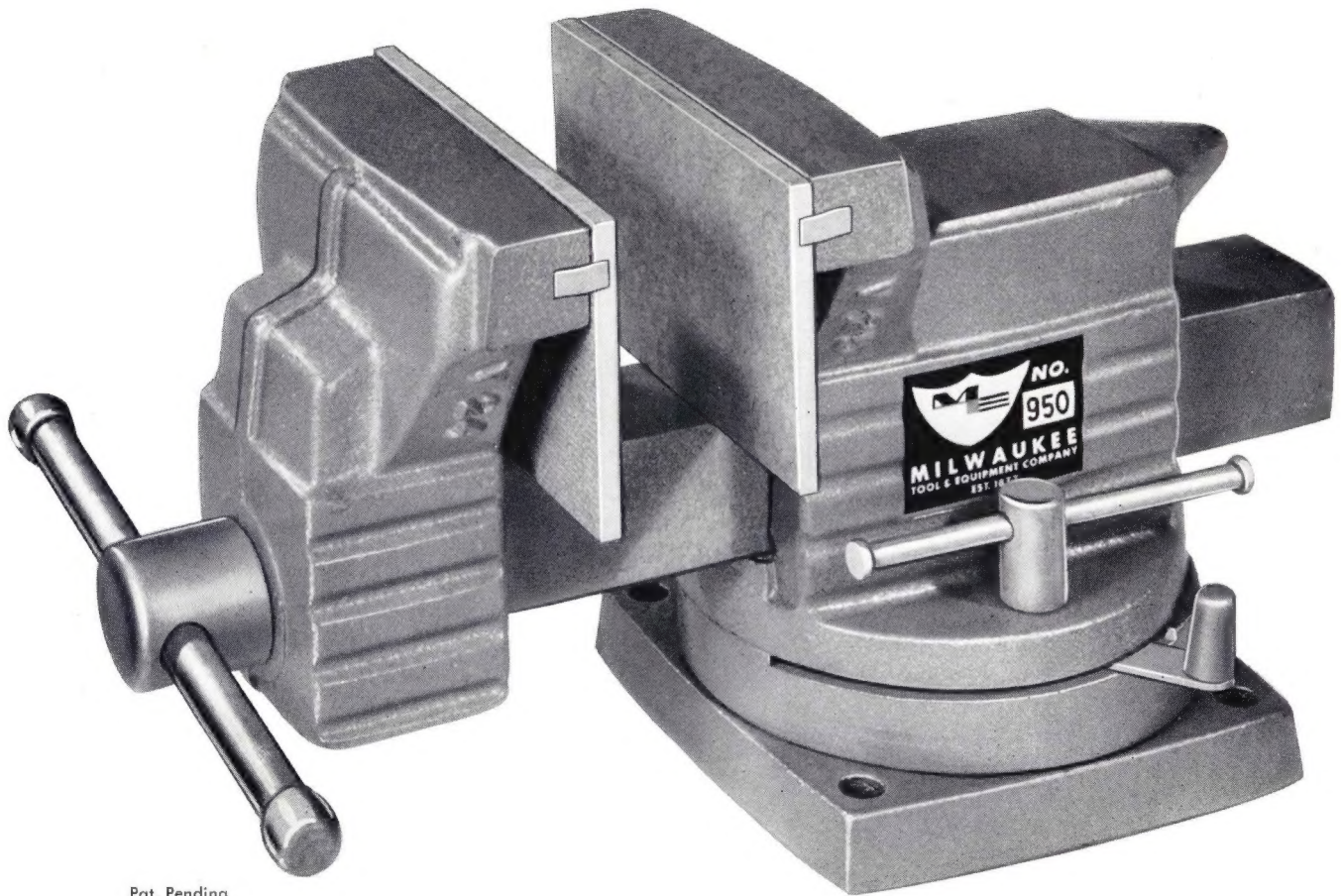
MILWAUKEE CHAIN PIPE VISE

852

The Milwaukee Chain Pipe Vise is all malleable iron with flame hardened jaws. Chain is high quality wrench chain. Take up nut is acme threaded to close tolerance to operate smoothly on tool steel screw to assure smooth powerful grip. Designed and built to give long satisfactory service. Finish — Baked Hammered Silver.



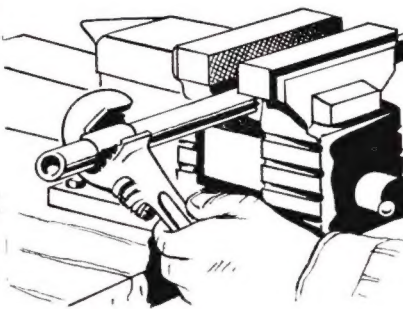
	Pipe	Per Carton	Weight
No. 862	1/8 to 2"	1	5 lbs.



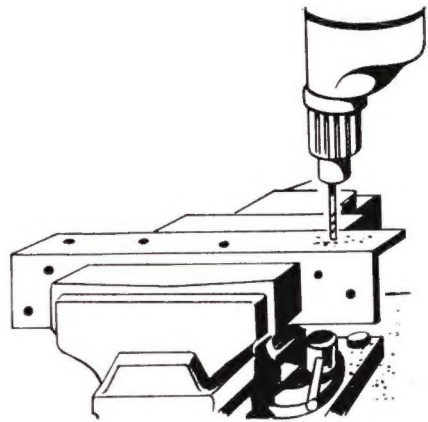
Pat. Pending



WOOD VISE



PIPE VISE



BENCH VISE

MILWAUKEE "QUICK SHIFT" "TRIPLE PURPOSE" BENCH VISE

937-950

The Milwaukee "Quick Shift" "Triple Purpose" Bench Vise is the newest most revolutionary vise now available. It is a "Bench", "Woodworker's" and "Pipe" Vise. These three features alone make it a completely versatile home shop tool. The "Quick Shift" feature allows the owner to either operate the vise as a conventional vise by mov-

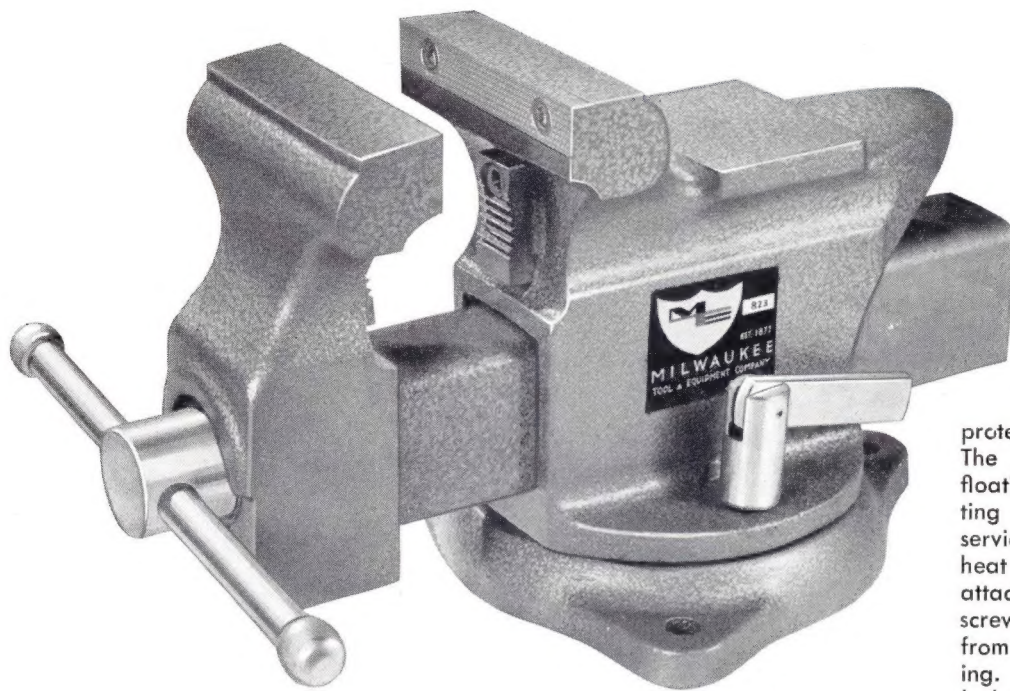
ing the movable jaw in or out by turning the vise screw in the usual manner, with the shift lever in the back or engaged position. If the shift lever is moved to the front or in disengaged position the movable jaw can then be positioned in or out readily without use of the vise screw. The shift can be performed when the movable jaw or vise screw is in any position.

This vise also has a full 200° swivel with positive lock and is ruggedly designed to withstand regular continual use. Face jaws are serrated heat treated steel and vise is finished in Baked Hammered Silver Enamel.

RETAIL DISPLAY for above vise available at no charge.

	Jaw Width	Jaw Opening	Pipe Capacity	Per Carton	Weight Each — Lbs.
No. 950	5"	5"	1/8 to 2 1/2	1	29
No. 937	3 3/4"	3 3/4"	1/8 to 1 1/4	1	16

For Current Prices See Your Confidential Price Sheet



MILWAUKEE "SUPER-QUALITY" VISE

822-823

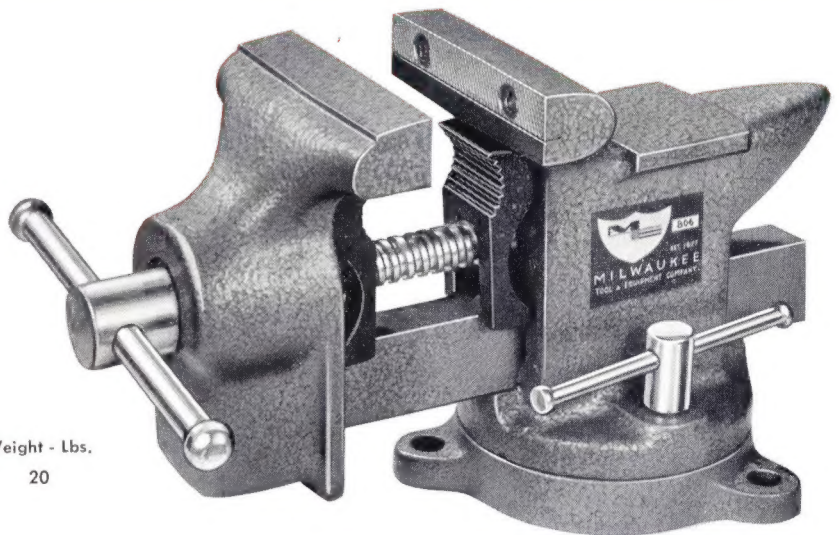
The Milwaukee "Super-Quality" is a malleable iron vise and with the exception of the individual expendable tool steel pipe jaws, it is guaranteed for life. It is the highest quality workshop vise available as it has a $\frac{3}{4}$ " screw with 8 Acme threads per inch. This screw is fully protected by the cold formed steel channel. The finely machined screw with the free floating replaceable vise nut and close fitting steel channel, assure long satisfactory service. The face jaws are serrated and heat treated to assure firm gripping and are attached with special clutch head machine screws. The replaceable pipe jaws are made from tool steel and heat treated after milling. The 360° swivel may be securely locked in any position with the heavy duty side lock nut. Finish is attractive hammered silver. Screw and side lock nut are bright plated. Individually cartoned.

	Jaw Width	Jaw Opening	Pipe Size	Weight - Lbs.
No. 822	3½"	4"	⅜ to 2	26
No. 823	5"	4½"	⅜ to 2	31

MILWAUKEE "UTILITY" VISE

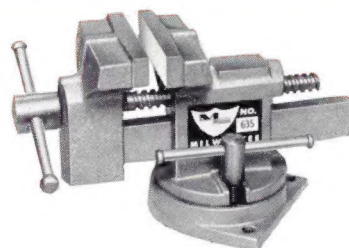
806

The Milwaukee "Utility" is a high tensile grey iron quality vise for those who prefer the usual design. It has a $\frac{3}{4}$ x 1¼ bar slide and $\frac{5}{8}$ " vise screw. The replaceable face jaws are finely serrated and heat treated to assure firm gripping. The 180° swivel can be securely locked in any position with side lock nut. The pipe jaws are removable and replaceable. Hammered silver finish with bright plated screws and lock nuts. Individually cartoned.



	Jaw Width	Jaw Opening	Pipe Size	Weight - Lbs.
No. 806	4"	4"	¼ to 1½	20

MILWAUKEE "ECONOMY" VISE



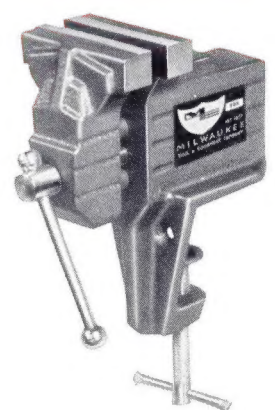
The Milwaukee "Economy" vise is a rugged full size bench vise available with, or without, 180° swivel base. Made from high tensile grey iron and equipped with accurately machined Acme threaded vise screw. Attractive hammered silvered finish. Cartoned 6 per carton.

	Swivel	Jaw Width	Jaw Opening	Pipe Size	Weight Each - Lbs.
No. 625	no	3½"	3½"	⅜ to 1"	8
No. 635	180°	3½"	3½"	⅜ to 1"	9

MILWAUKEE "UTILITY CLAMP" VISE

500

The Milwaukee "Utility" Clamp is made from high tensile grey iron. Accurately machined screws assures smooth action on round slide bars. The design is attractive and it is finished in hammered silver with bright plated screws. Packed in individual cartons, six per master carton. Shipping weight for six, 25 lbs. Orders for full cartons only.

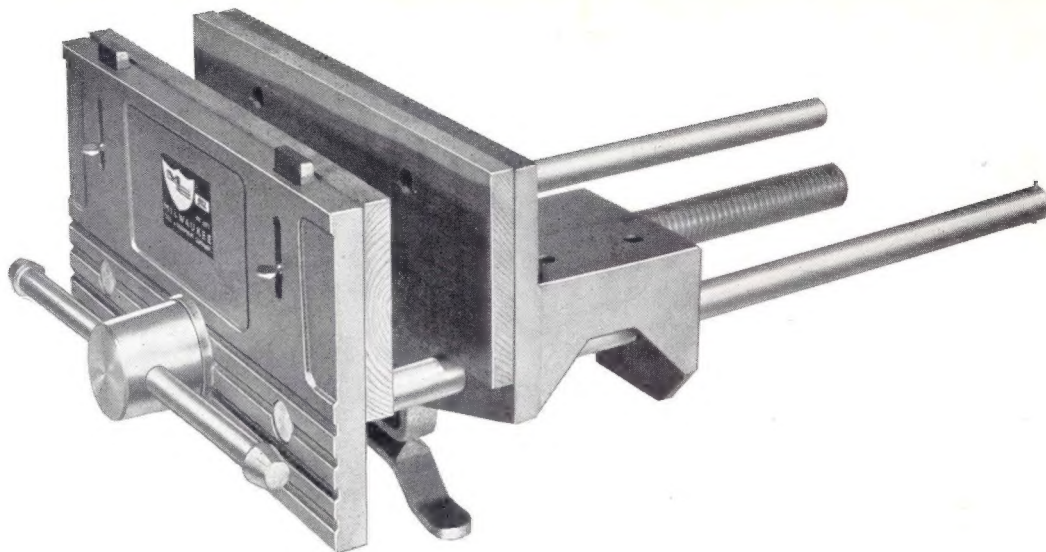


	Jaw Width	Jaw Opening	Weight Each - Lbs.
No. 500	2½"	2½"	4

MILWAUKEE
"DOUBLE ACTION"
WOODWORKER'S VISE

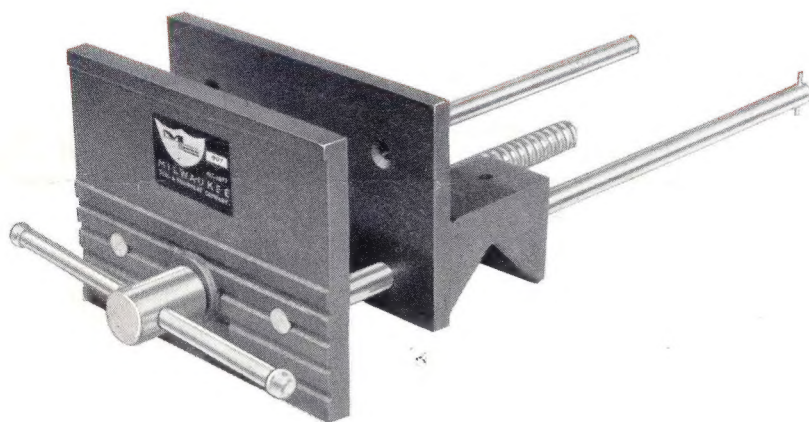
909-912

The Milwaukee "Double Action" woodworker's vise has the advantage of a continuous screw vise, but with a quarter turn of readily accessible lever it becomes a quick action vise and movable jaw can be positioned in or out without using the screw. Both models are ruggedly built from high tensile grey iron with oversized guides and screws. Screw handles are steel balanced through large head for long smooth break-proof action. Handle balls are designed to eliminate pinching. The "Double Action" woodworker's vises have wood jaw faces attached and two individually controlled stops.



Countersunk screw holes in back jaws for attaching to bench. They are finished in hammered silver. Screws, handles, thumb nuts, stops and guide bars are bright-plated. One per carton.

	Jaw Width	Jaw Depth	Opens	Guides	Screw	Weight - Lbs.
No. 909	9"	3 3/4"	10"	5/8"	3/4"	25
No. 912	12"	4"	13"	3/4"	1"	35



MILWAUKEE "UTILITY"
WOODWORKER'S VISE

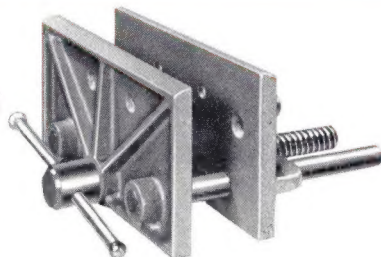
907

The Milwaukee "Utility" Woodworker's vise is a medium duty continuous screw vise. It is made from the same high tensile grey iron with oversized screw and guides. Movable and back jaw have holes for installing wood faces. The accurately machined screw with balanced steel handle assures long, smooth, trouble free action. This vise will satisfy those who want a good practical useful tool, but do not need the many fine features of the "Double Action" models. Countersunk screw holes for attaching wood faces and bench mounting. Finish is hammered silver and guides and screws are bright plated. Individually cartoned.

	Jaw Width	Jaw Depth	Opens	Guides	Screw	Weight - Lbs.
No. 907	7"	3 1/4"	7"	1/2"	5/8"	12

MILWAUKEE
"HOBBY"
WOODWORKER'S
VISE

905-906

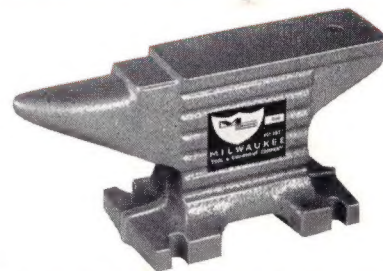


The Milwaukee "Hobby" woodworker's vises are a web design of high tensile grey iron with close fitting guides and screws. Either model is ideal for light duty work or for the beginner. Screw holes for attaching to bench and screw holes for attaching wood faces. Balanced steel handle with Acme threaded screw. Finished with pastel green enamel. Individually cartoned. Six per reshipper. Shipping weight, 6 - No. 905, 21 lbs., 6 - No. 906, 34 lbs. Orders must be for full cartons.

	Jaw Width	Jaw Depth	Opens	Weight Each-Lbs.
No. 905	5 1/2"	1 3/8"	4 1/2"	3 1/2
No. 906	6 1/2"	2 1/2"	5"	5 1/2

MILWAUKEE
"BENCH
ANVIL"

300

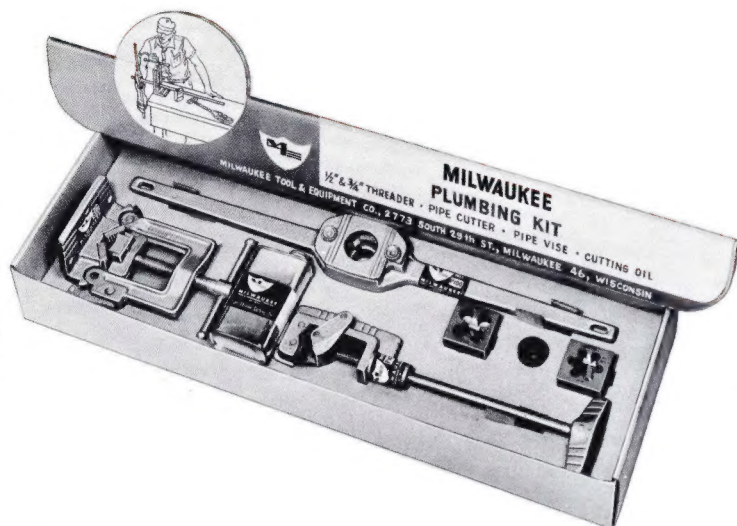


The Milwaukee "Bench Anvil" is made from high tensile grey iron to rigid tolerances with a finely polished work area painted to protect it from rust or corrosion. It is a tool that is an addition to any work bench and will serve a multitude of purposes. Besides being a good tool it can be used as book ends, door stop or an oversized paperweight. Four bolt slots to easily attach to work bench. Finished with attractive hammered silver and hammered blue. Individually cartoned. Six per reshipper — weight, 50 lbs. Orders for full cartons only.

	Bench Anvil	Ground Surface	Weight Each - Lbs.
No. 300	3 x 8 x 4"	2 x 4 1/2"	8 1/2

For Homeowners . . .

MILWAUKEE Plumbing Kit . . .



NO. P-200

INCLUDES PIPE VISE, THREADER and CUTTER

For homeowners, farmers, builders . . . in fact, all who do occasional plumbing . . . this kit comes in handy. Each tool is a regular number in the line, bearing the "Milwaukee" trademark of quality, yet the complete kit is inexpensive. Tools are packaged in an attractive corrugated display carton, designed to display *and sell*. And the tools consist of the P-100 Threader with Dies and P-108 Cutter (both described on reverse side); No. 850 Malleable Iron Pipe Vise handling $\frac{1}{8}$ " to $1\frac{1}{4}$ " pipe; $\frac{1}{2}$ pint cutting oil. All tools finished in hammered silver. One kit per carton. Ship. Wt. 14 lbs.



5 Models . . . Capacities to 25 tons

Load-holding Milwaukee Screw Jacks offer a high tensile grey iron "Bell Bottom" casting along with a tough, malleable iron swivel top. Hot-forged super-strong steel screw, accurate thread. Tested safe loads specified at right. For turning use any round $\frac{1}{2}$ " to $\frac{7}{8}$ " steel bar.

Regular Head	Size Screw and Height Stand Inches	Height Overall Closed Inches	Operable Rise of Screw Inches	Approx. Carrying Capacity Tons	Approx. Shipping Weight Lbs.
A120	1x6	8 $\frac{3}{8}$	4 $\frac{1}{2}$	6	5 $\frac{1}{2}$
A121	1 $\frac{1}{4}$ x8	10 $\frac{7}{8}$	6	12	12 $\frac{1}{2}$
A122	1 $\frac{1}{2}$ x8	10 $\frac{7}{8}$	6	15	13 $\frac{1}{2}$
A123	1 $\frac{1}{2}$ x10	12 $\frac{7}{8}$	8	15	17
A126	2x12	15 $\frac{7}{8}$	9	25	26

DOUBLE-END SAW MANDRELS

For moderate speeds, intermittent duty. High-tensile grey iron bearing boxes, press fitted oil-impregnated bearings. Ground and polished shafts. One set flanges, center pulley, spacing collar. Hammered silver finish. One per carton.



No. 1050
and 1060

1050 9 $\frac{1}{2}$ " shaft, right and left $\frac{1}{2}$ " thread, 3 lbs.
1060 12" shaft, right and left $\frac{5}{8}$ " thread, 3 $\frac{1}{2}$ lbs.

BALL BEARING SAW MANDRELS

For high speed continuous or intermittent duty. Press-fitted ball bearings, sealed and lubricated for life. High tensile grey iron housing. Polished and ground shaft. Hammered silver finish. One set flanges, one spacing collar. One per carton.



1070 9 $\frac{1}{2}$ " shaft, $\frac{1}{2}$ " right hand thread . . . 4 $\frac{1}{2}$ lbs.
No. 1080 1080 12" shaft $\frac{5}{8}$ " right hand thread . . . 5 lbs.

HANDY ORDERING GUIDE

REPLACEMENT DIES				
Cat. No.	For Threader No.	Size	Pipe Sizes	Weight
P-104	P-100 & P-101	2"x2"x11/16"	3/8", 1/2", 3/4"	1/2 lb.
P-105	P-102	2 1/2"x2 1/2"x3/4"	3/8", 1/2", 3/4", 1"	1 lb.
P-106	P-103	4"x4"x1"	1", 1 1/4", 1 1/2", 2"	3 lbs.
REPLACEMENT GUIDES				
P-120	P-100		3/8", 1/2"	1/2 lb.
P-121	P-101		3/8", 1/2", 3/4"	1/2 lb.
P-122	P-102		3/8", 1/2", 3/4", 1"	1 lb.
P-123	P-103		1", 1 1/4", 1 1/2"	2 lbs.
MISCELLANEOUS				
P-124	1 Qt. Thread Cutting Oil	2 1/2 lbs.	12 per case	

82 Years of Manufacturing
82 Years of Fair Dealing



BACK
EVERY
PRODUCT

Milwaukee Tool & Equipment Co. 2773 South 29th Street • Milwaukee 46, Wis.

82 Years of Manufacturing Skill

Back Every Product

MILWAUKEE PIPE TOOLS



No. P-100

RUGGED, LOW-COST PIPE THREADER . . .

Malleable iron 24" threader is performance-proved. Tool steel block dies, heat-treated after machining . . . start easy, cut fast and clean. Overall hammered silver finish. Set includes one set of dies (at right); 1/2 pint cutting oil. One to a carton. Ship. Wt. 6 lbs.

Capacity of P-100	
DIE	PIPE DIAMETER
1/2" die with guide	1/2"
3/4" die (pipe stock forms guide)	3/4"



No. P-102

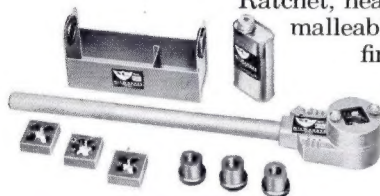
DOUBLE RATCHET No. 102 . . .

. . . Takes 3/8", 1/2", 3/4" and 1" Pipe

Lifetime malleable iron. Double Ratchet Set speeds work. Sure-grip 20" knurled handle. Set includes stocks, carrying case, 1/2 pint cutting oil and 2 1/2" x 2 1/2" tool-steel block dies (see below), heat-treated after machining. Dies start fast, cut fast and clean. Hammered silver finish overall. One to a carton. Ship. Wt. 16 lbs.

Capacity of P-102	
DIE	PIPE DIAMETER
3/8" die with guide	3/8"
1/2" die with guide	1/2"
3/4" die with guide	3/4"
1" die with guide	1"

THREADS 3/8", 1/2" and 3/4" Pipe . . No. P-101



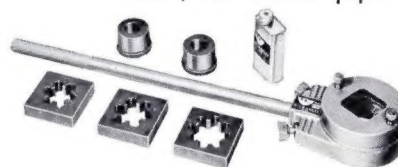
Capacity of P-101

DIE	PIPE DIAMETER
3/8" die with guide	3/8"
1/2" die with guide	1/2"
3/4" die with guide	3/4"

Single Ratchet Die Set lasts a lifetime. Ratchet, head and die covers of tough, malleable iron . . . hammered silver finish. Sure-grip 18" knurled handle. 2" x 2" tool steel block dies, heat-treated after machining . . . start easy, cut fast and clean. Set includes stocks, dies (at left), carrying case, 1/2 pint cutting oil. One to a carton. Ship. Wt. 11 lbs.

DOUBLE RATCHET No. P-103

Clean-Cut threading of 1 1/4", 1 1/2" and 2" pipe



Capacity of P-103

DIE	PIPE DIAMETER
1 1/4" die with follower	1 1/4"
1 1/2" die with follower	1 1/2"
2" die (Pipe stock is follower)	2"

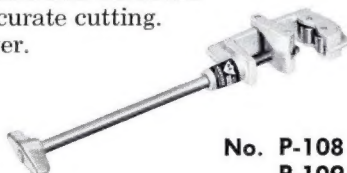
Tough malleable iron. Sure-grip 22" knurled handle. Double ratchet speeds work. 4" x 4" heat-treated tool-steel block dies, heat-treated after machining, start easy, cut clean, last longer. Set includes hammered silver finish stocks, block dies (at left) and 1/2 pint cutting oil. One to a carton. Ship. Wt. 30 lbs.

"SAUNDERS TYPE" PIPE CUTTERS In Two Sizes

Built of tough, malleable iron castings, accurately machined. Smooth-working, cold-rolled steel screws. Razor-edge wheel and hardened rollers and pins provide accurate cutting. Finished in hammered silver.

No. P-108 cuts 1/8" to 1" pipe. One to a carton, Ship. Wt. 4 lbs.

No. P-109 cuts 1/8" to 2" pipe. One to a carton, Ship. Wt. 7 lbs.



No. P-108
P-109

PORTABLE PIPE STAND . . .

Tough, malleable iron table supported by three 41" legs of 1 5/8" O.D. Steel Tubing. Legs form 46" x 46" x 46" tripod, 36" table height. Legs fold in for storage. Accommodates No. 851 and 852 Pipe Vises, can be adapted for other models. Finished in hammered silver. Ship. Wt. 15 lbs.



No. P-300